

Title (en)
HEAD-UP DISPLAY FOR MICROSCOPE USING REMOTELY CONTROLLED INSTRUMENT

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Application
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Priority
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Abstract (en)
[origin: EP0209610A1] Information relevant to a remote instrument is made viewable within a microscope (10) by a head-up display using a beam splitter (15) arranged in a collimated light region between binoculars (12) and objective (11) of microscope (10). An electronic digital display (16) relevant to a control setting for the remote instrument is arranged off the optical axis of microscope (10) and viewed by a convex mirror (20). A folding mirror (21) directs diverging light from convex mirror (20) toward beam splitter (15), and a collimating lens (22) collimates the diverging light enroute from folding mirror (21) to beam splitter (15). Collimated light from the lens is incident to beam splitter (15) to position an image of the digital display in a marginal region of the apparent field of one of the binoculars (12).

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